Welcome to your new SKIPPER Product

Congratulations with your Jotron SKIPPER 10.1 inch Control Unit.

This Package is factory configured for the following product

Part Number	Product Name	This product
		(if checked)
EML1200-SA	EML1200 Control Unit for Dual Axis Electromagnetic STW	
	Speedlog	
EML1100-SA	EML1100 Dual Axis Electromagnetic STW Speedlog	
CU-M101-SA	CU-M101-SA Dual Control Unit	

Your Package contains

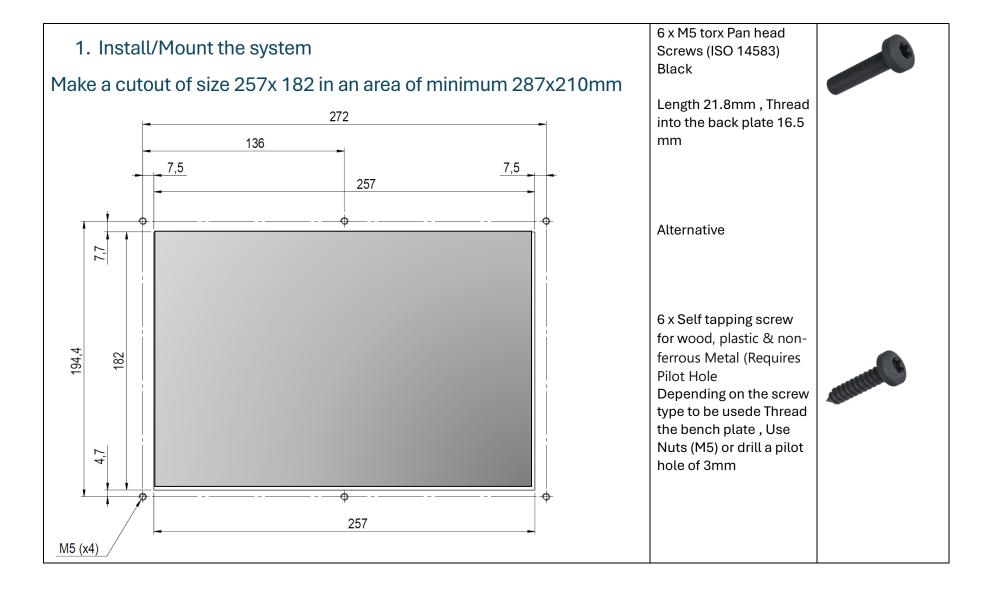
Qty	Part	Description	Photo
1	CU-M101-SA	10.1" Control unit	
1	M-KIT-CU-M101	Mounting kit	
1	M-KIT-XBEEP	External beeper kit	Marine Control of the
1	DM-I001	Getting started instruction	This document
1	DM-E004-SA or DM- D020	User manual for EML or DL	SKIPPER EMILIOO /EMILIOO Extratorageous 137 family to Special and includes record Special and includes record Special and includes record Special and includes a

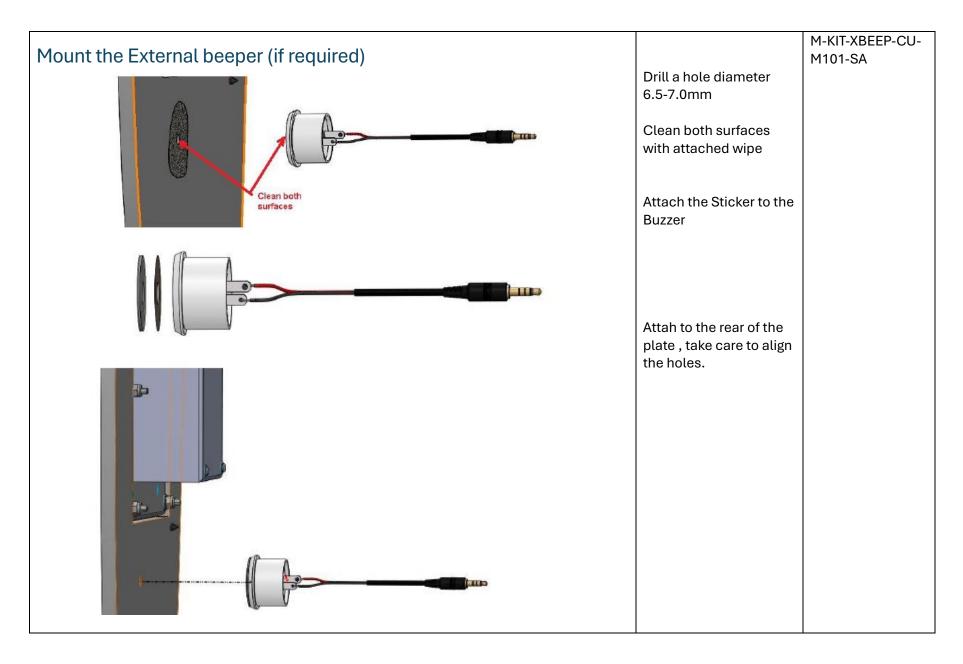
This getting started guide Follows:

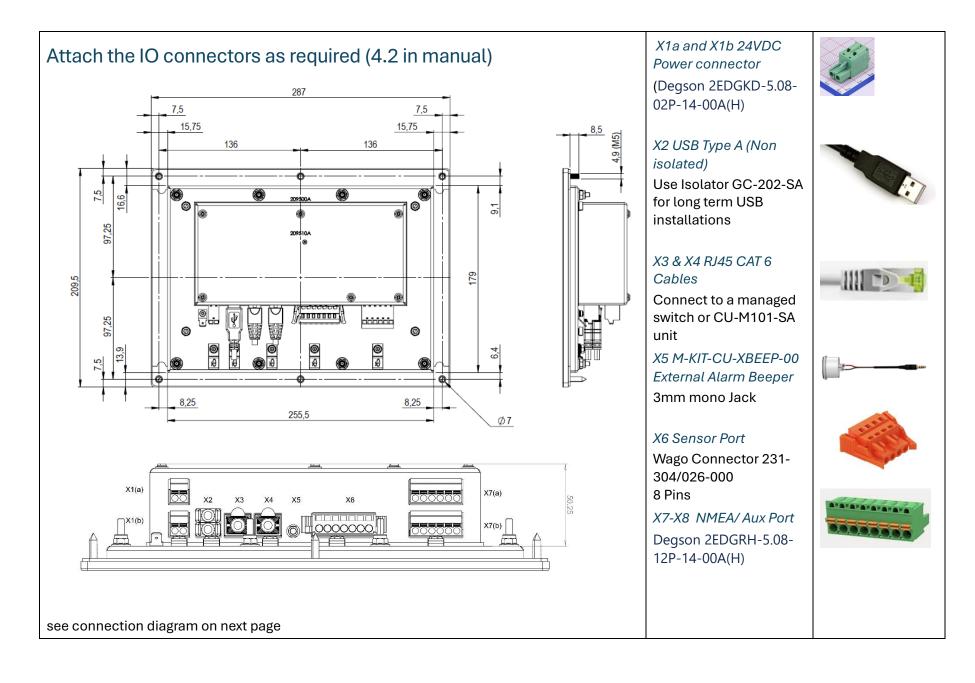
- 1 Install/Mount the system
- 2 Define the System (CU-M101-SA only)
- 3 Configure the system (All systems)
- 4 Check your system

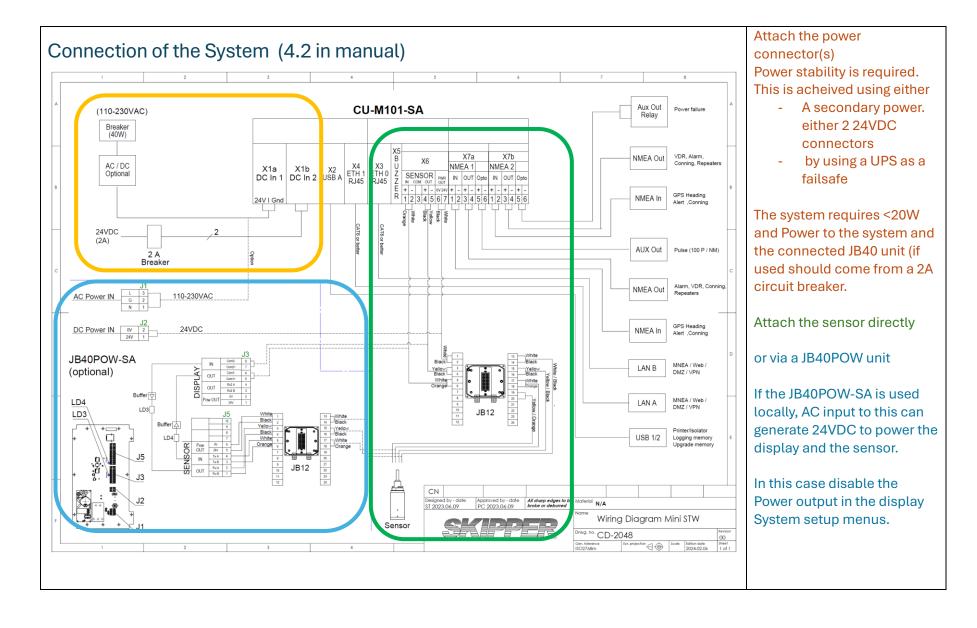
These instructions are also available in mobile format by scanning here

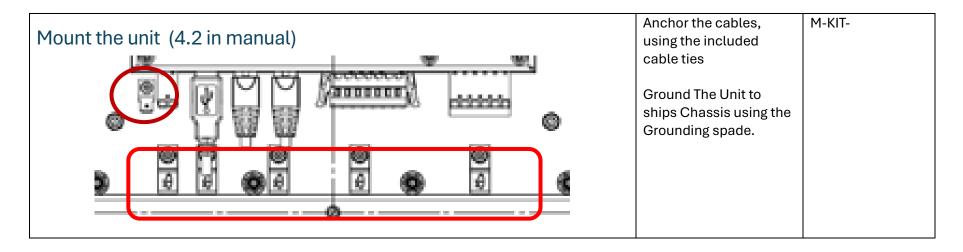












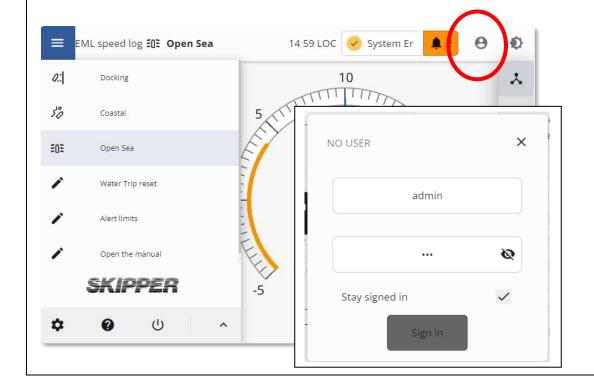
Note the serial number of the unit and mount the unit in place

Serial Number: _____ (6 digits)

Power on and setup (CU-M101-SA, systems not set up at factory)			
Turn on the power(s)			
Select the Required Product	If the screen shown is not this, go to 3 Setup the System		
	Enter the serial number (with all leading zeros, 6 digits '000234') go to the define system		
	Click on the QR code, if a Product option is purchased, the code will be available here, If no code is available contact Jotron SKIPPER to purchase the required Product code.		
Ensure Software is installed or download	If the product option is not shown on the product drop down, Download from the SKIPPER web, and place on a USB stick. Insert the stick. Select the USB media, and try again.		
Assign a system with the option code	Enter the code, and press install. Installation takes about 3 minutes, and the system will boot into the desired software.		

Set up the system

Sign in



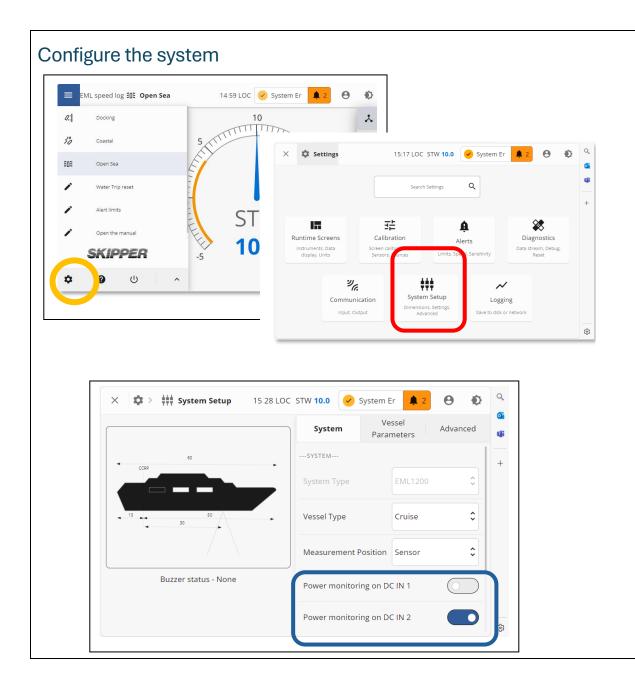
Click on the Users Button

Enter User 'admin' and Password <serial number> e.g 1234

Check 'Stay Signed in' And Press sign in.

The system signs in with full access.

(Note, Passwords and users should be changed before HAT/SAT)

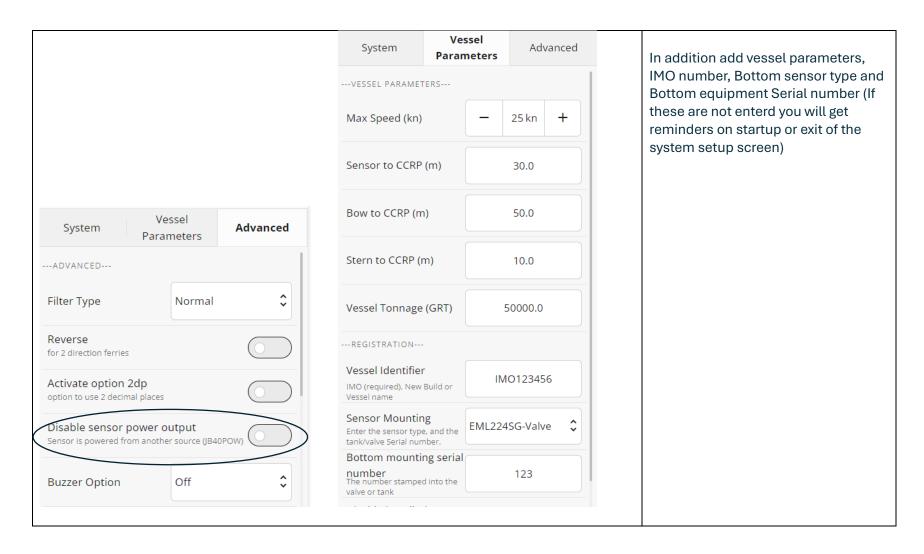


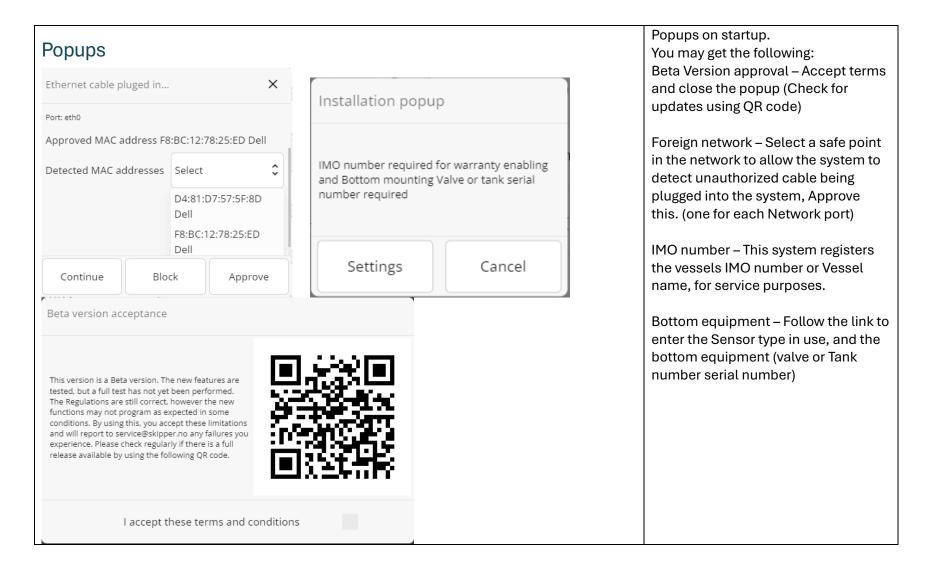
Using the Menu button (top left) select settings setup in the menu dropdown

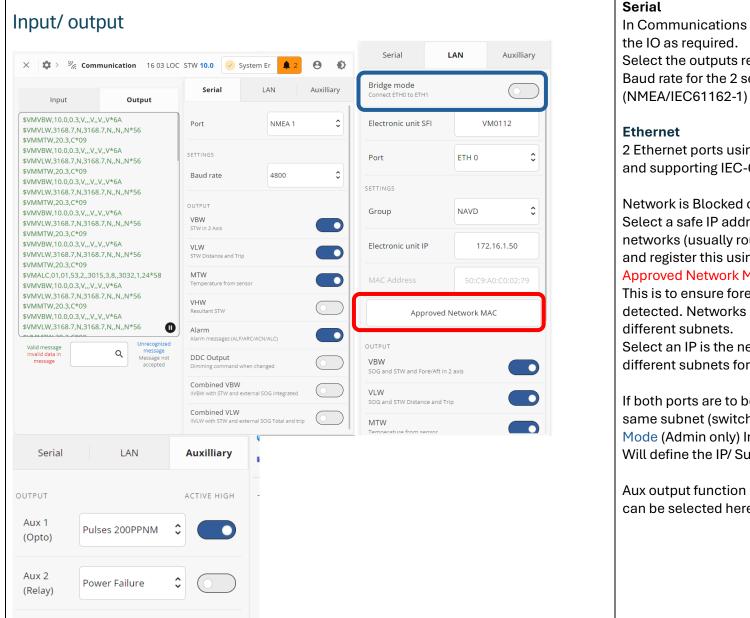
Go to system and enter the vessels parameters.

If you use only one power input, disable the unused one.

If you supply power to the sensor from another unit (JB40POW) disable the sensor Power. (Advanced tab)







Serial

In Communications setup, Configure the IO as required. Select the outputs required, and the Baud rate for the 2 serial ports

Ethernet

2 Ethernet ports using IEC61162-450 and supporting IEC-61162-460

Network is Blocked on startup, Select a safe IP address on your networks (usually router or switch) and register this using the popup or

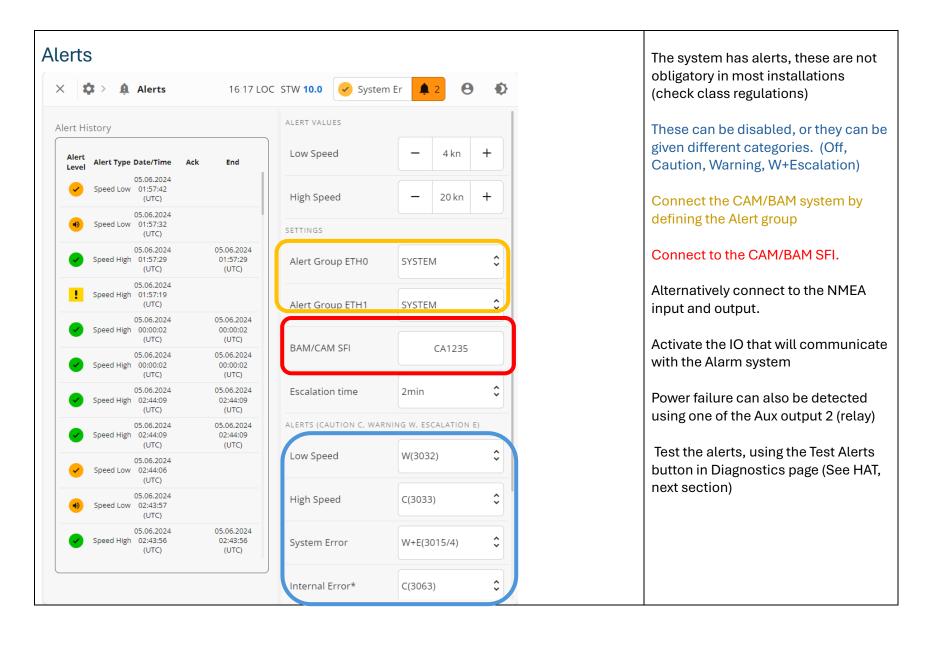
Approved Network MAC

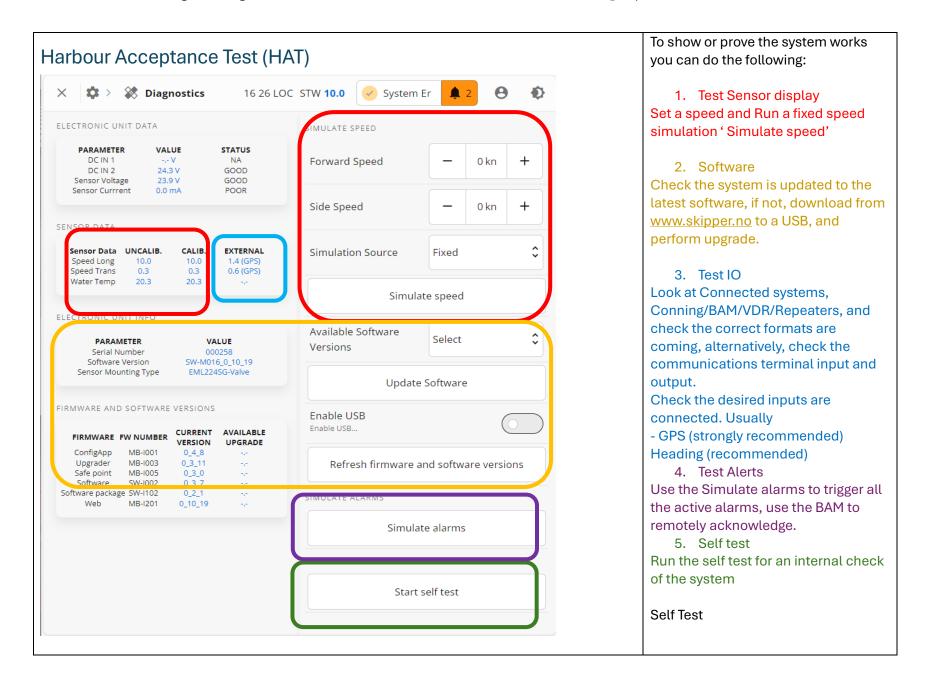
This is to ensure foreign networks are detected. Networks should have different subnets.

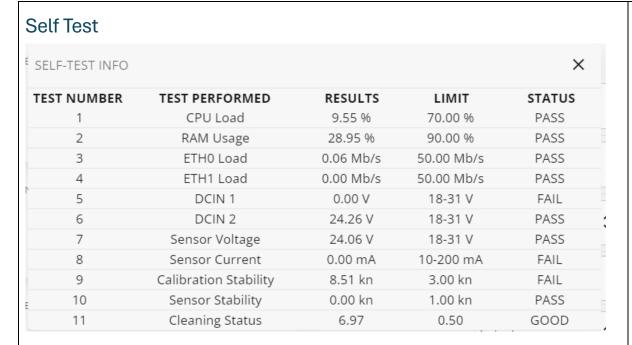
Select an IP is the networks subnet, different subnets for each port.

If both ports are to be used in the same subnet (switch) activate Bridge Mode (Admin only) In this case ETH0 Will define the IP/ Subnet

Aux output function (Connector X6) can be selected here







Self test will test the internal parameters and connections of the system

CPU load

How much the system is doing RAM useage – How much memory is in use

Ethernet Load

If too high the system may slow down

Sensor output voltage/Current

The sensor is connected correctly* (if not, a system error will also show)

Calibration stability

After calibration and sailing, how much is the calibration wrong over time

Sensor stability,

How much the data jumps from the sensor

Cleaning status.

If the sensor measures much less than the GPS then the system probably needs cleaning